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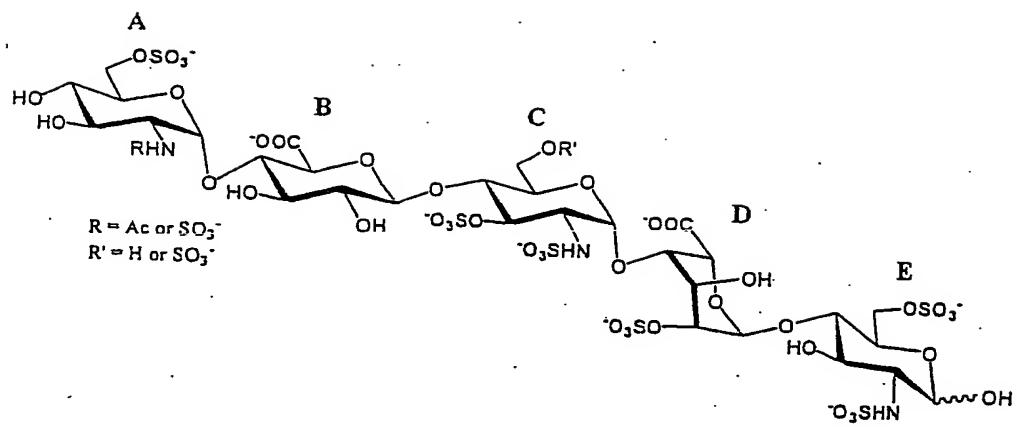


Figure 1

Putative gD binding partial Heparan Sulfate structure

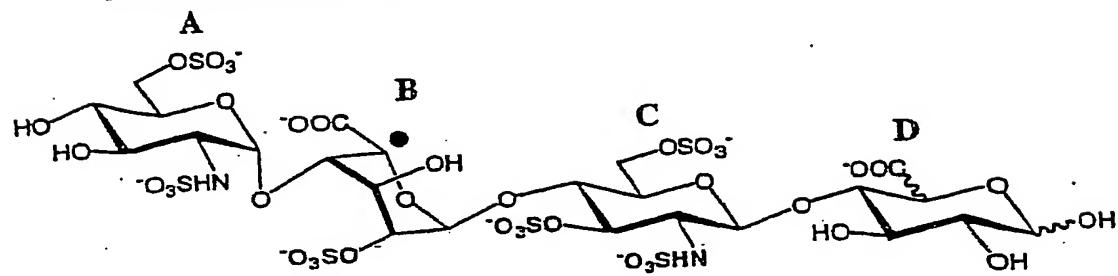


Figure 2

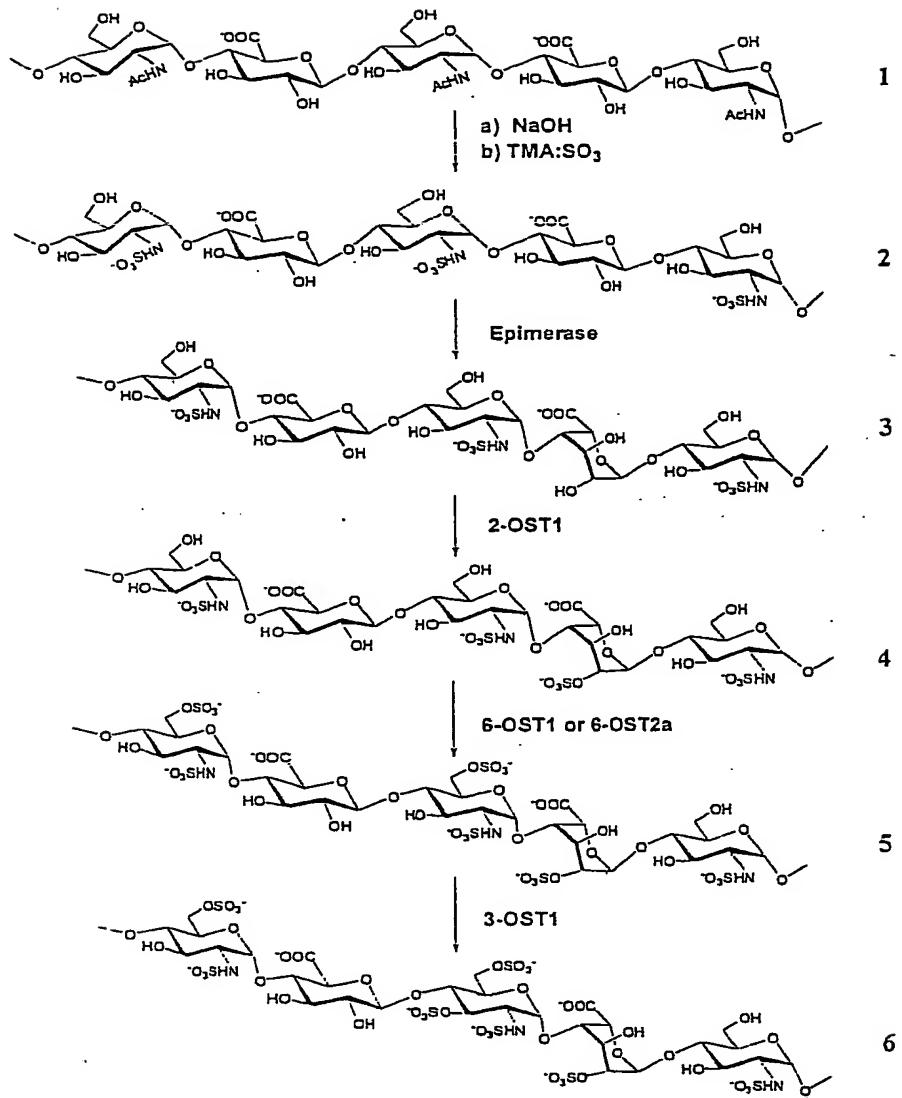


Figure 3

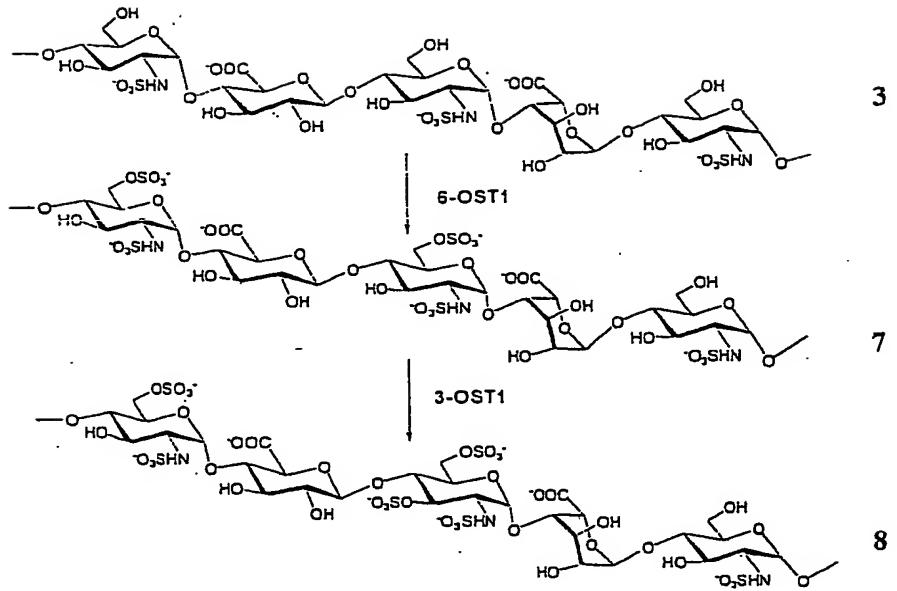


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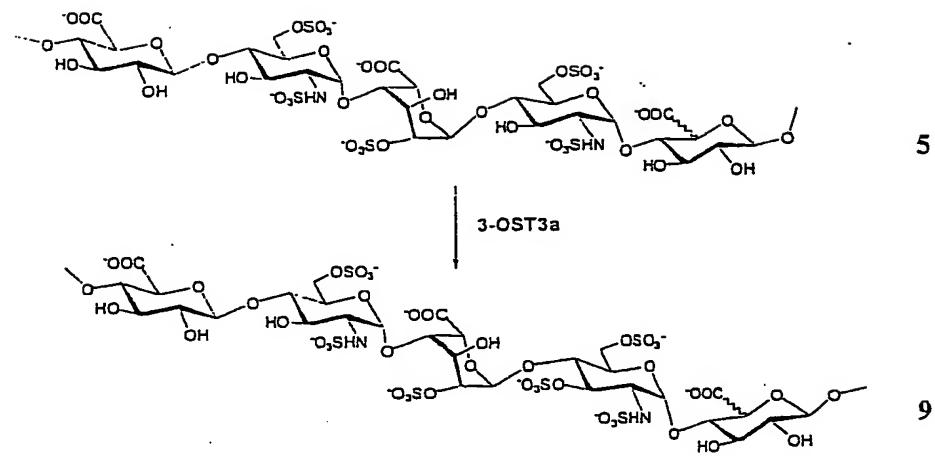


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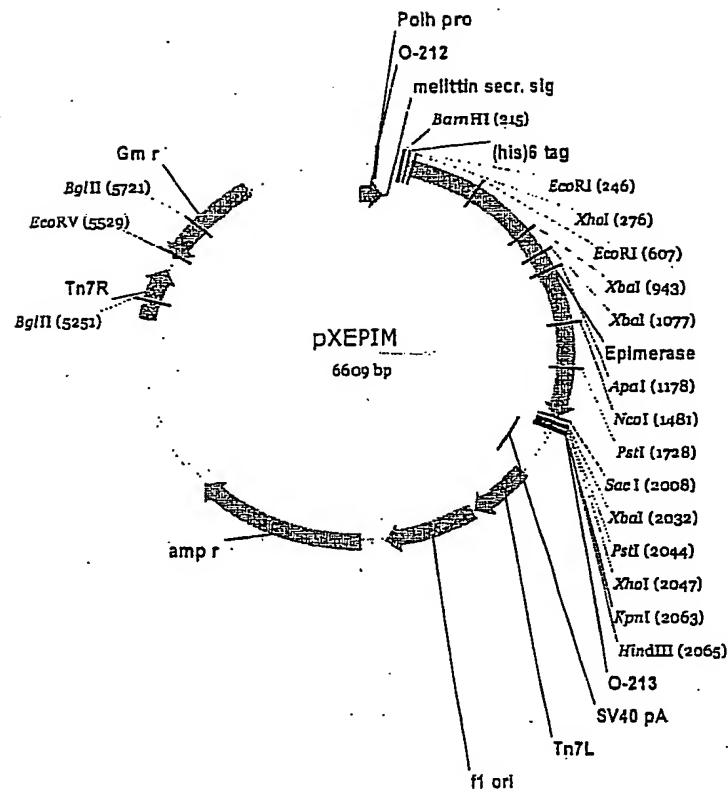
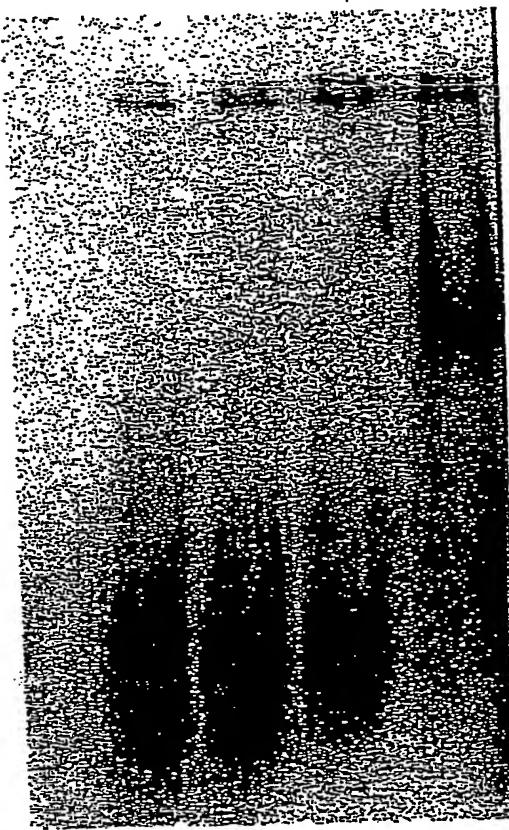


Figure 6

Gel Mobility Shift Assay



A B C D

A: Polysaccharide lacking 3-O Sulfate

B: Polysaccharide lacking 3-O Sulfate and AT III

C: Polysaccharide containing 3-O Sulfate

D: Polysaccharide containing 3-O Sulfate and ATIII

Figure 7

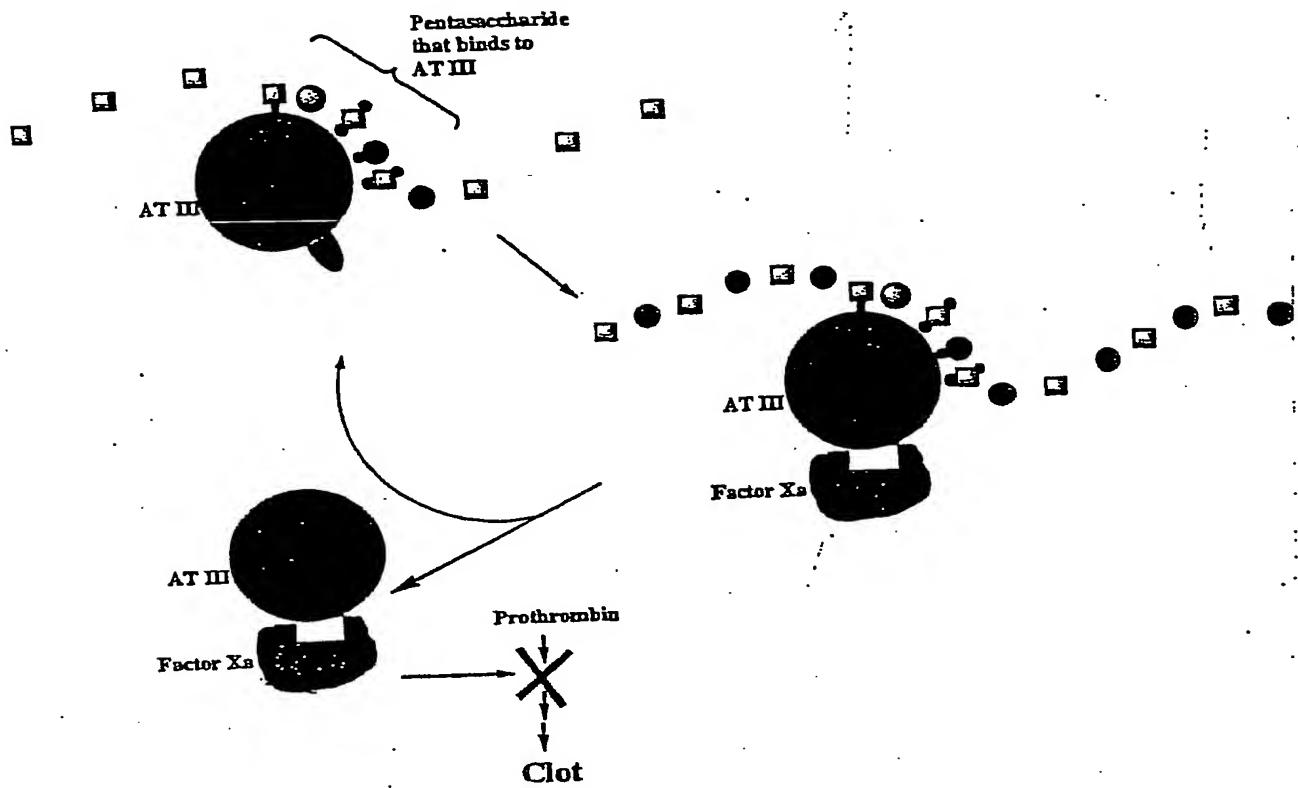


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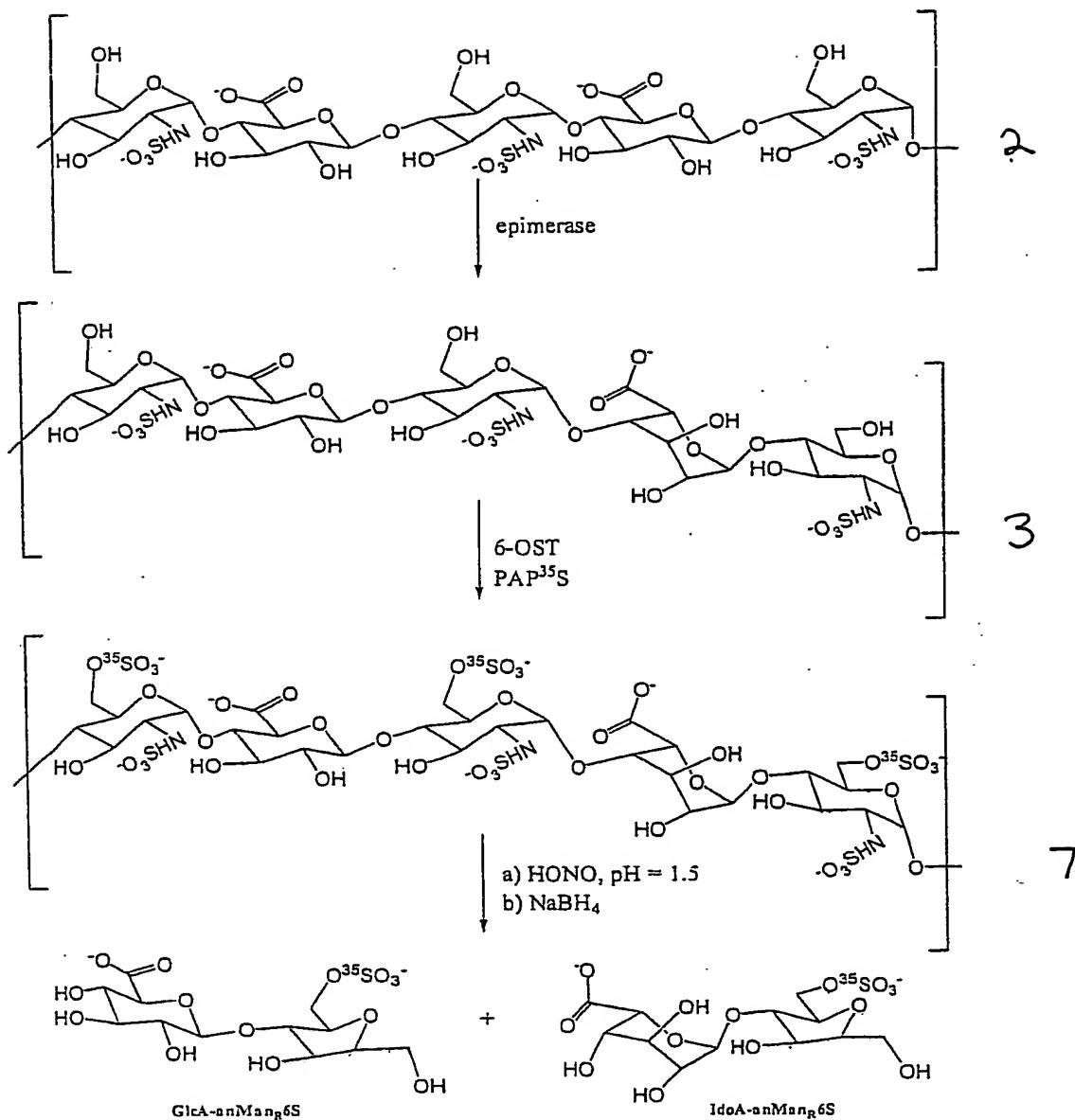


Figure 9

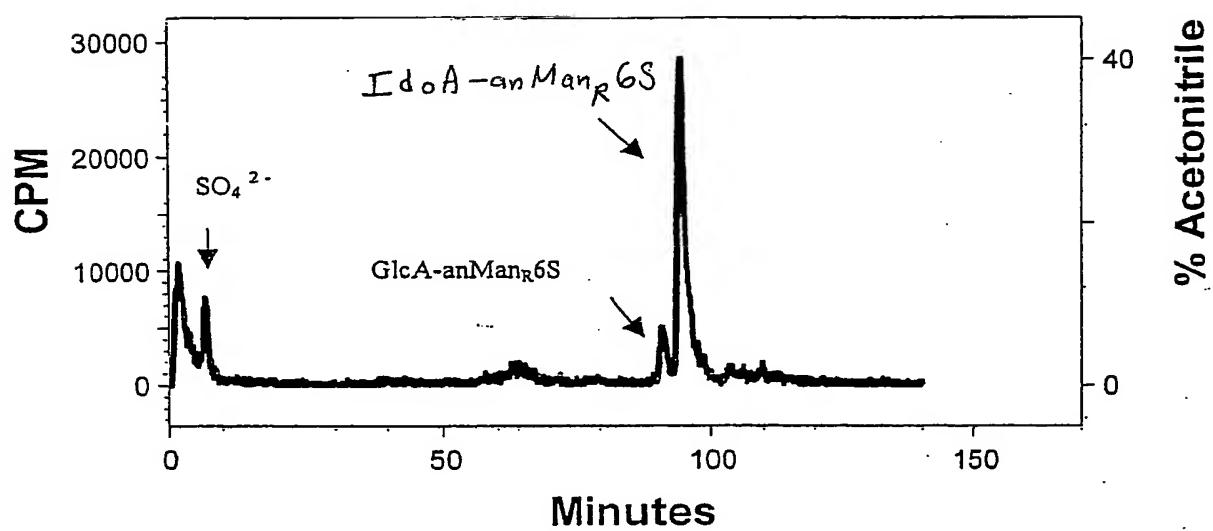


Figure 10

2-OST + +
Epi - +

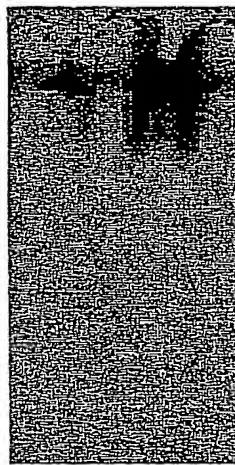


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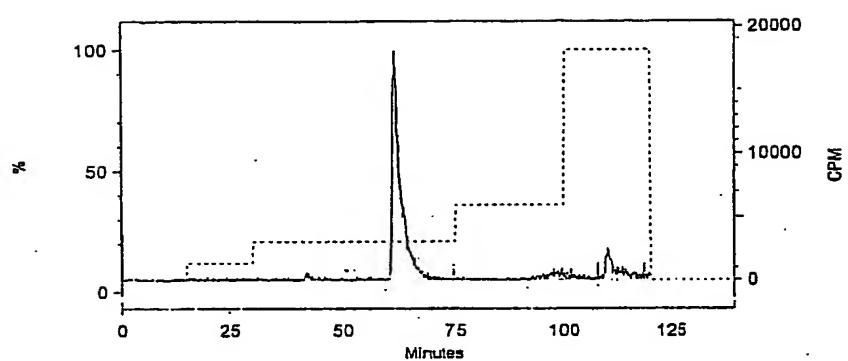


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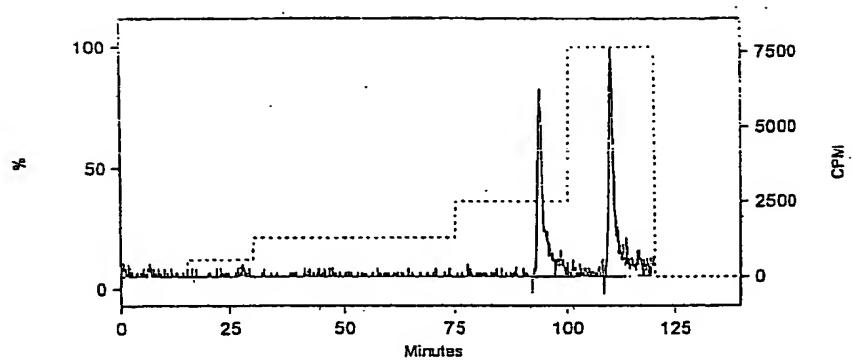


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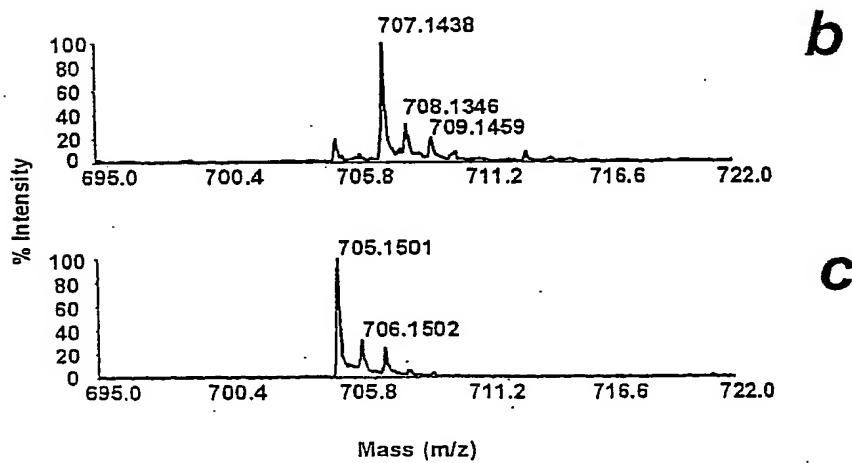
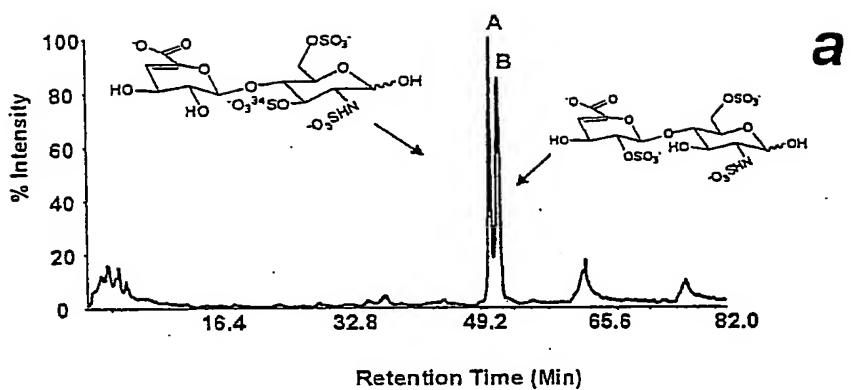


Figure 14

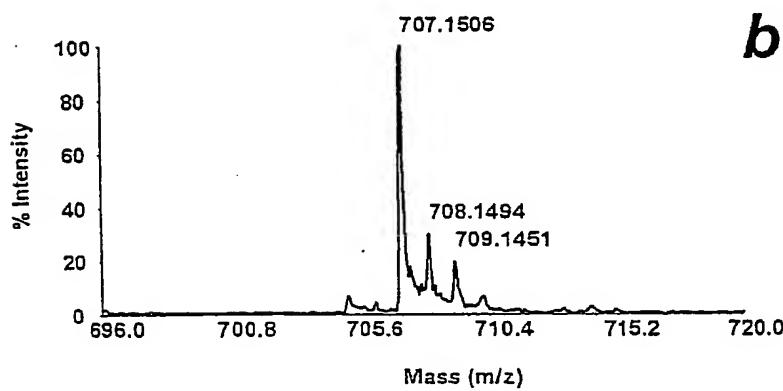
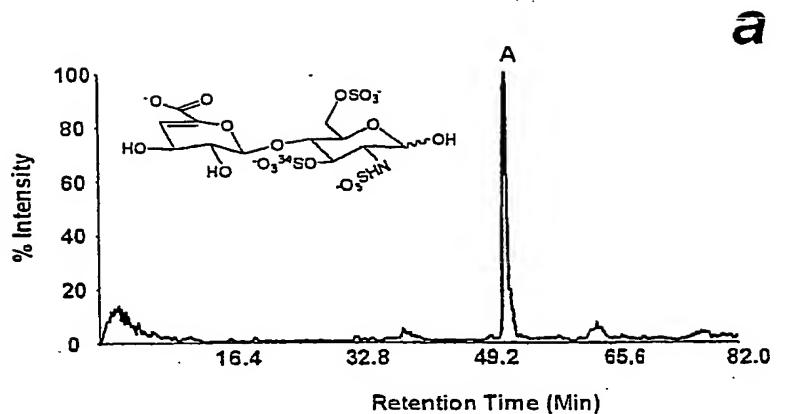


Figure 15

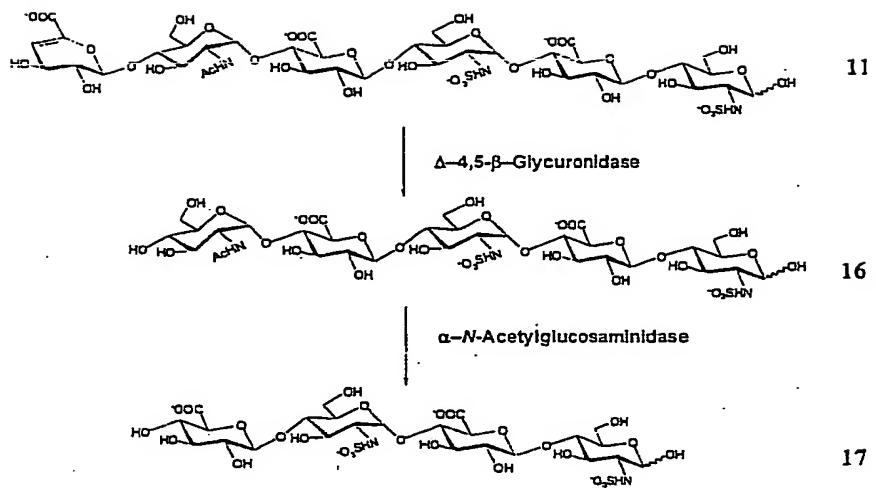


Figure 16

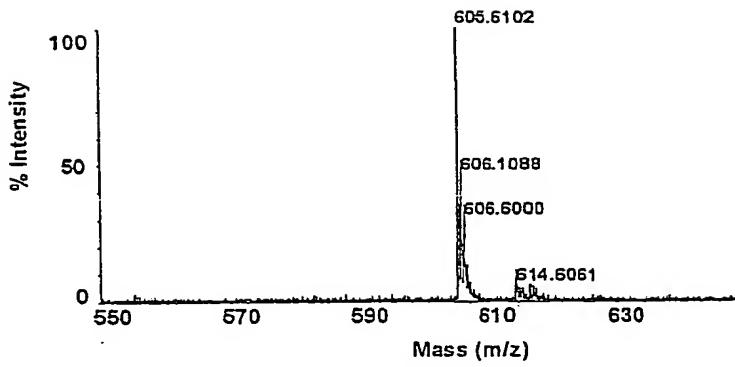


Figure 17

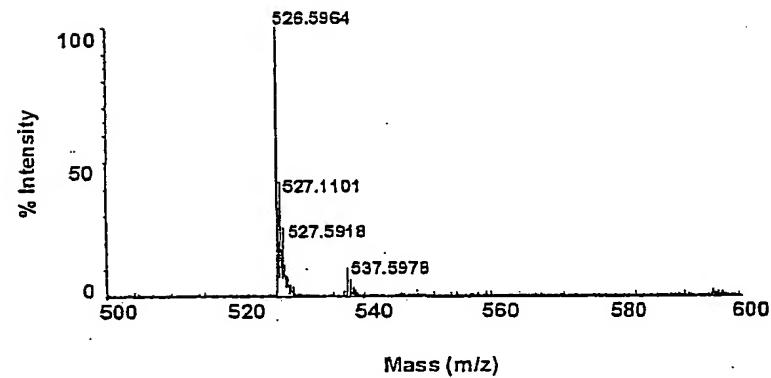


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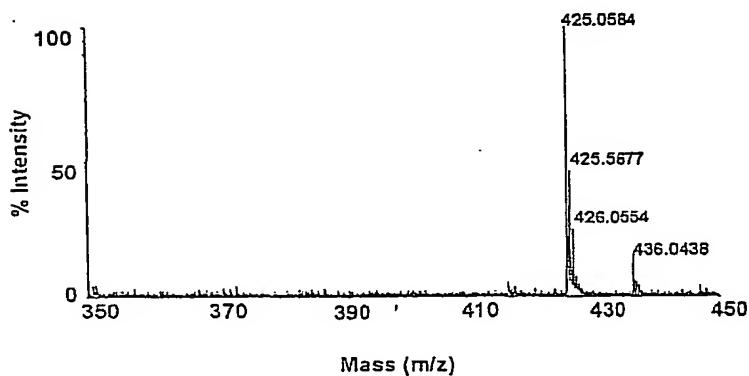


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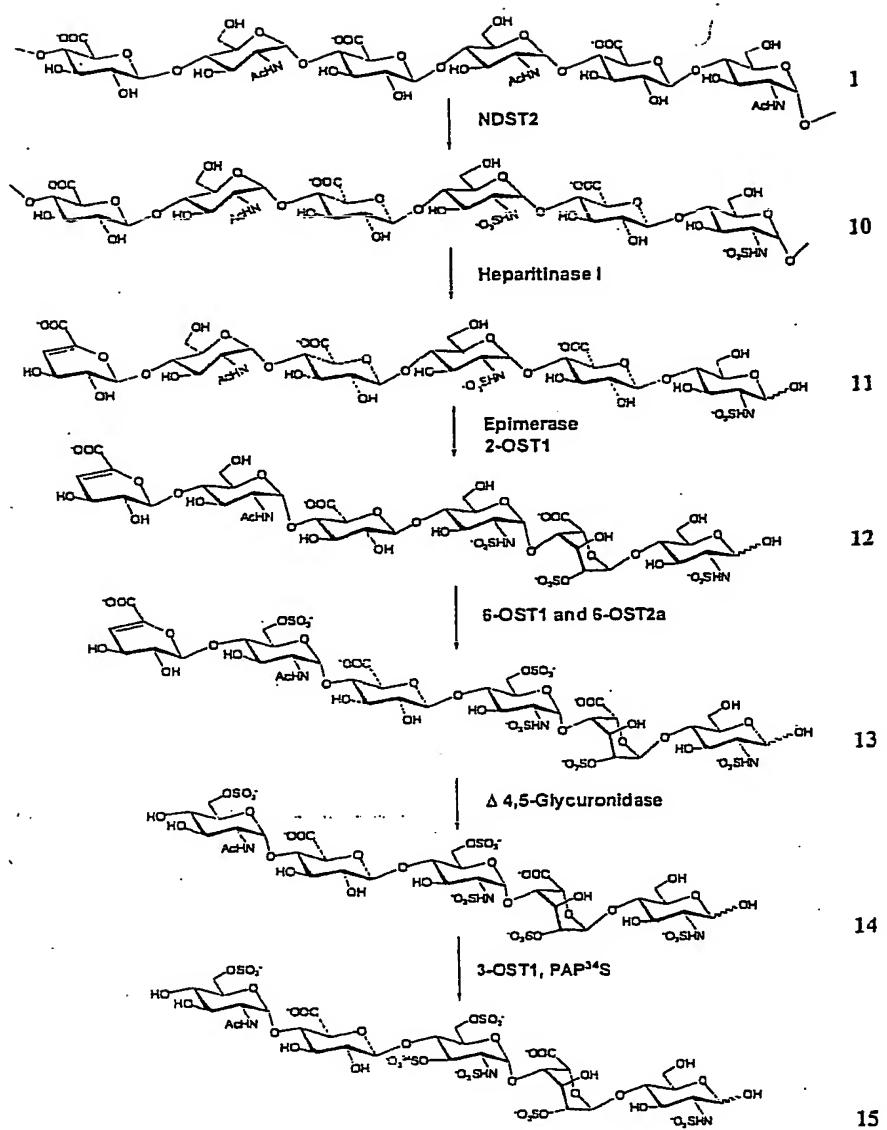


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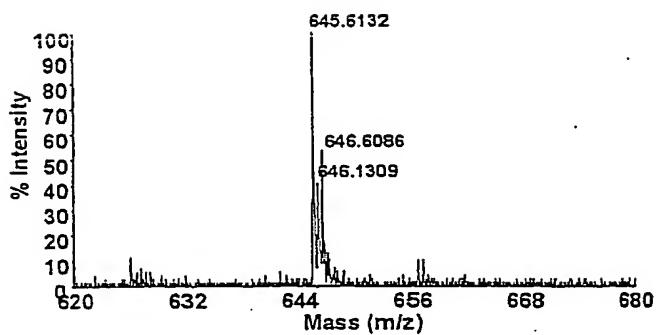


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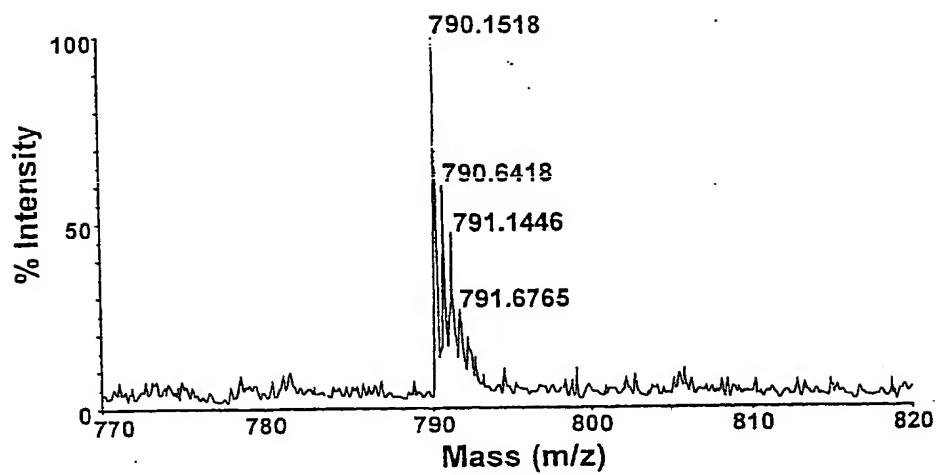


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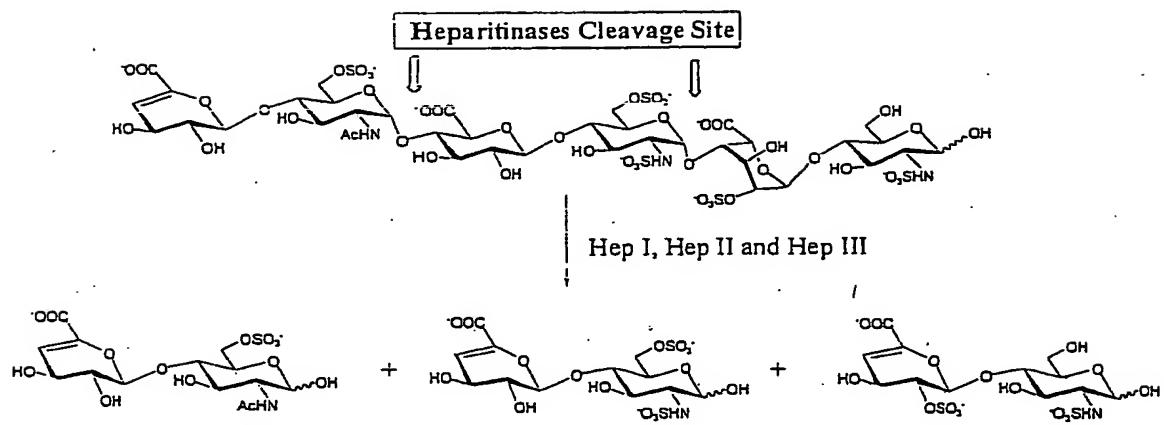


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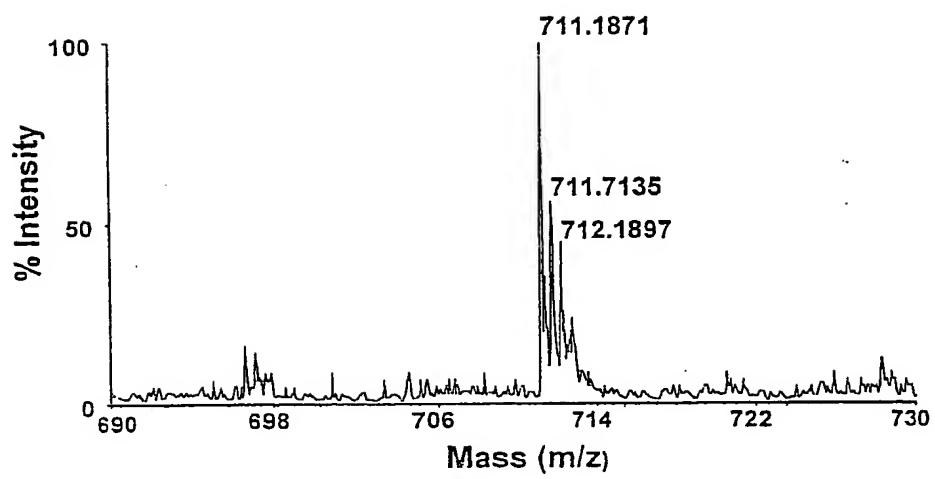


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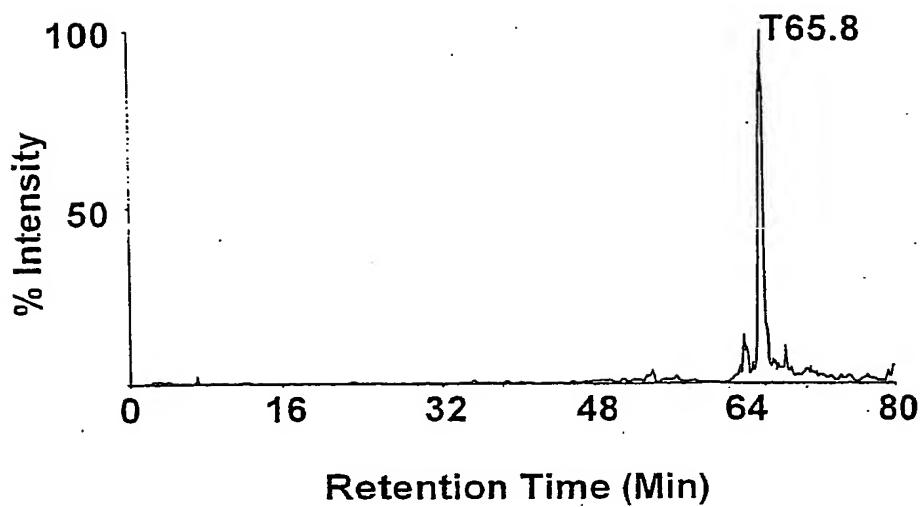


Figure 25A

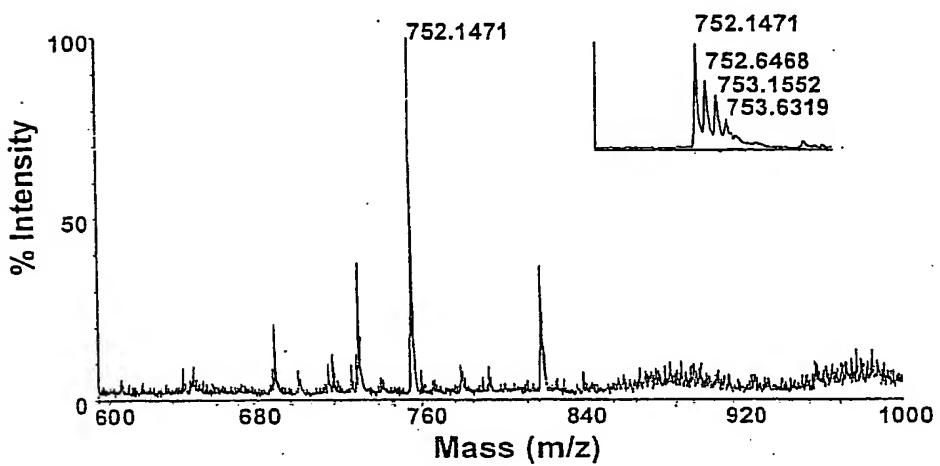


Figure 25B

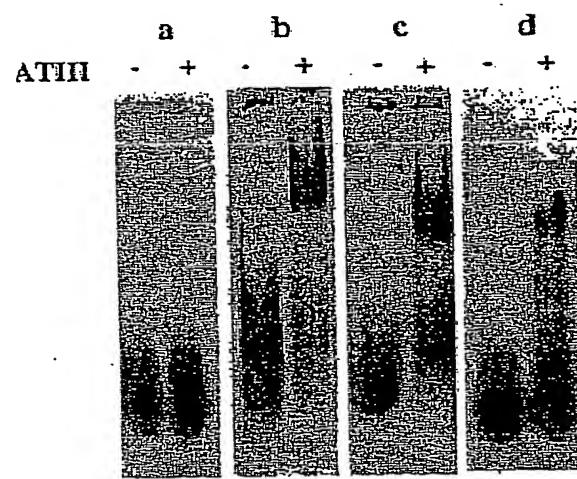
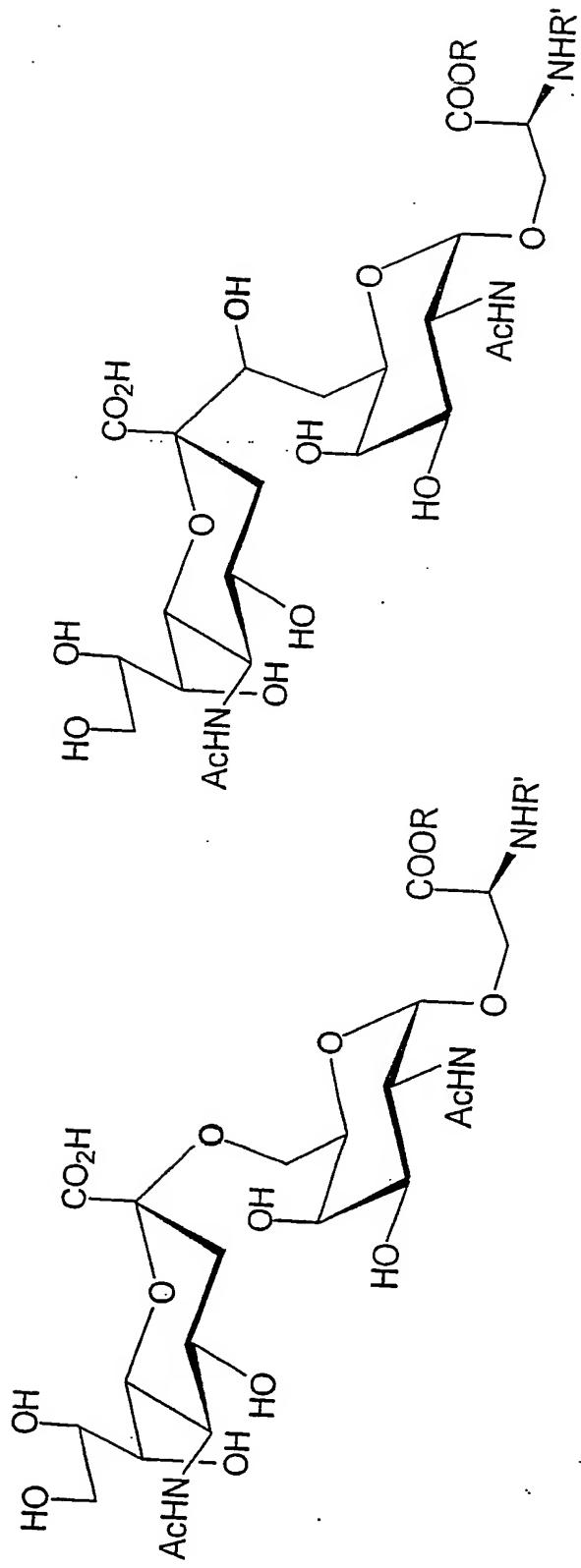


Figure 26

Sialyl Tn antigen



O Glycoside

C Glycoside

FIGURE 27

Synthesis of STn C-glycoside

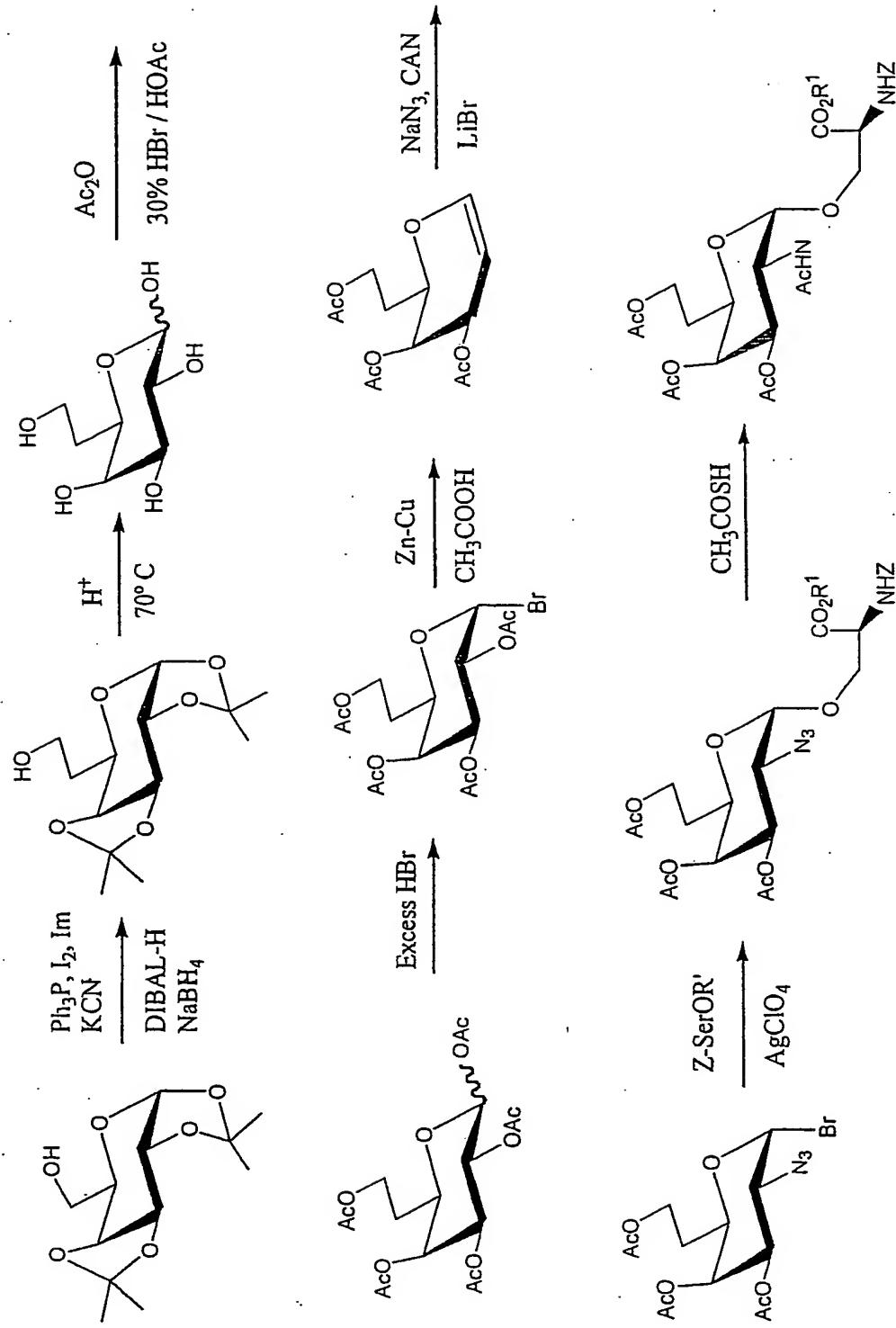


FIGURE 28

Synthesis of sTn C-glycoside

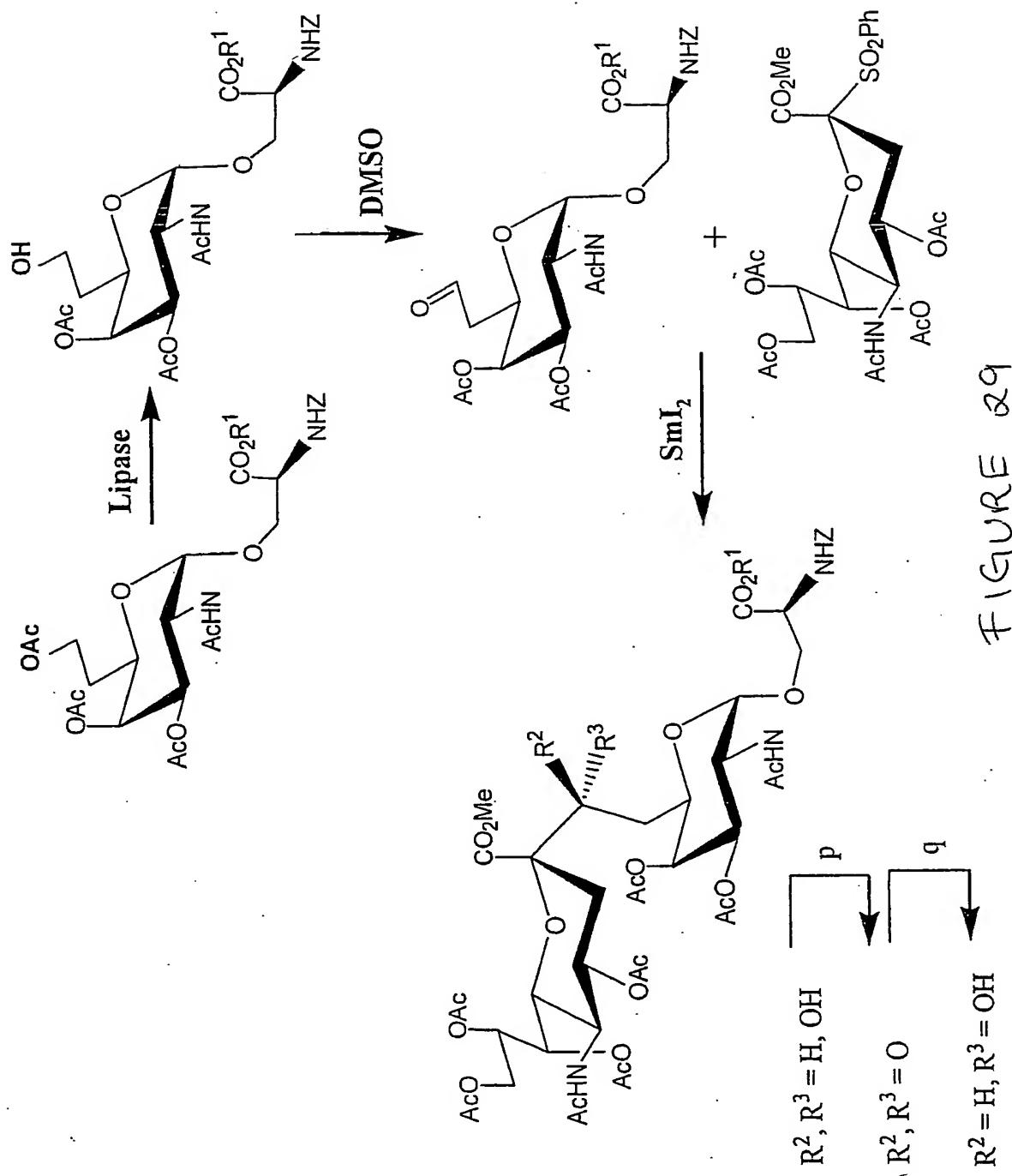


FIGURE 29